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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/732,821	12/10/2003	Richard J. Hantke	KCX-772 (20000)	6793
22827 7590 02/12/2007 DORITY & MANNING, P.A. POST OFFICE BOX 1449 GREENVILLE, SC 29602-1449			EXAMINER HAND, MELANIE JO	
			ART UNIT	PAPER NUMBER
			3761	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/12/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Office Action Summary**

Application No.

10/732,821

Applicant(s)

HANTKE ET AL.

Examiner

Melanie J. Hand

Art Unit

3761

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 14 November 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-3, 6-15, 17-19 and 24-30 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3, 6-15, 17-19, 24-30 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Notice of Informal Patent Application
- ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Response to Arguments***

Applicant's arguments, see Remarks, filed November 14, 2006, with respect to the rejection(s) of claim(s) 1-3, 6-15, 17-19 and 24-30 under 35 U.S.C. 103 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of a different interpretation of the previously applied prior art references of Mizutani and Luizzi.

***Claim Rejections - 35 USC § 102/103***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims rejected under 35 U.S.C. 102(e) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Mizutani et al ('160).

With respect to **Claims 1, 11, 12, 15, 17, 24-26, 28 and 29**: Mizutani teaches package 1 comprised of wrapper material 10 and absorbent article 2. (Fig. 1) (Col. 8, lines 62-65) Mizutani teaches that wrapper material 10 is folded into a pouch by folding front portion 2c back onto

Art Unit: 3761

central portion 2b and then rear portion 2d is folded over front portion 2c so as to overlay portion 2c, at which point confronting faces of each side region 10d of wrapper material 10 are fused to form sealed portions 25 and the adhesive portion of tape tab 23 attached to opening flap 10c is adhered to face 10b. (Fig. 2) (Col. 10, lines 3-16) Mizutani teaches that package member 10 is a laminate composite nonwoven fabric. (Col. 5, lines 26,27) Mizutani teaches that the fused faces of packaging material 10 are peeled from one another at sealed portions 25 for opening and resealing upon disposal. (Col. 10, lines 64,65) Mizutani teaches a decibel level upon unsealing of portions 25 of 55 db. (Col. 12, line 1).

Mizutani does not teach a seal strength for sealed portions 25, or an opening noise level of less than about 60 db. However, since Mizutani teaches a packaging material that is substantially identical to the claimed wrapper material (i.e. comprised of thermoplastic material), the prior art device of Mizutani inherently possesses a seal strength of between about 20-60 gf and an opening noise level of less than about 60 db. The limitation regarding the method in which the claimed ranges are obtained is given little patentable weight, as there is not sufficient proof that the device of Mizutani would yield a different decibel level when subjected to the claimed test method. The burden is herein upon applicant to show that the prior art packaging material taught by Mizutani does not yield the claimed sealing strength or decibel level.

With respect to **Claim 2**: As stated with respect to Claim 1, Mizutani teaches sealed portions 25 wherein confronting lateral edges are sealed together.

With respect to **Claims 3, 27**: As stated with respect to Claim 1, Mizutani teaches tape tab 23 with faces 23a and 23b extending from edge 10c, wherein 23a is adhered to portion 10b and

Art Unit: 3761

23b protruding from end edge 10c is coated so as to be releasably attachable to opening flap 2c. (Col. 8, line 66, 67, Col. 9, lines 1-9).

With respect to **Claim 7**: As stated with respect to Claim 1, packaging material 10 is comprised of a composite nonwoven wherein the inner face layer 12, outer face layer 13 and intermediate layer 11 are all comprised of various nonwoven films. When packaging member 10 is folded into the pouch formation, the inner face layer 12 forms an interior of package member 10 and the outer nonwoven face layer 13 will still be exposed. Although nonwovens are substantially liquid-impermeable, they are also substantially vapor permeable. Edge portions 10d taught by Mizutani are comprised of all layers of the composite laminate nonwoven.

With respect to **Claim 8**: Please see the rejection of claims 4 and 5 above. Since Mizutani teaches a laminate and does not explicitly teach differing dimensions for each of layers 11, 12 and 13, Examiner is concluding that the length of inner layer 12 is equal to the length of outer layer 13.

With respect to **Claim 9**: Mizutani teaches that the laminate nonwoven material 10 is highly resistant to water-permeation. (Col. 5, lines 30-33).

With respect to **Claim 10**: Mizutani teaches that the packaging material is comprised of thermoplastic fibers, which are known in the art to be vapor-permeable.

With respect to **Claim 13**: Referring to Fig. 1, Mizutani teaches fold axes that are viewed upon folding of portions 2c and 2d toward the opposing fold axis.

With respect to **Claim 14**: Mizutani teaches edge 10c of portion 2c that is unsealed except for the portions which are lateral edges that are sealed at regions 25. (Fig. 2)

With respect to **Claim 18**: Mizutani teaches that edge portions 10d are sealed using a heat roll. (Col. 10, lines 13-16).

With respect to **Claim 19**: Sealed portions 25 are present on both lateral sides of package 10 when in folded position.

With respect to **Claim 30**: Each lateral side 10d of packaging material 10 defines sealing regions 25.

Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Mizutani et al ('160) in view of Luizzi et al (U.S. Patent Application Publication No. 2003/0199842).

With respect to **Claim 6**: Mizutani does not teach a material having a pattern of holes defined therethrough wherein a nonwoven material is exposed by said holes. Luizzi teaches an absorbent article having a tape tab at one longitudinal end for retaining a soiled article in a folded configuration. The article is comprised of a backsheet of nonwoven material and a cover sheet comprised of a porous (i.e. vapor permeable) or nonporous nonwoven film. ('842, ¶0032) Therefore Luizzi teaches that a porous film may be substituted for a regular nonwoven for use in a topsheet or cover material, and a porous film by its nature possesses a pattern of holes. Thus it would be obvious to one of ordinary skill in the art to modify the device of Mizutani so as to

Art Unit: 3761

have a nonwoven film substituted with a porous film as taught by Luizzi wherein the nonwoven material of the wrapper material taught by the combined teaching of Mizutani and Luizzi is exposed by the holes.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melanie J. Hand whose telephone number is 571-272-6464. The examiner can normally be reached on Mon-Thurs 8:00-5:30, alternate Fridays 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tatyana Zalukaeva can be reached on 571-272-1115. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Melanie J Hand  
Examiner  
Art Unit 3761

January 25, 2007

**TATYANA ZALUKAEVA**  
**PRIMARY EXAMINER**

